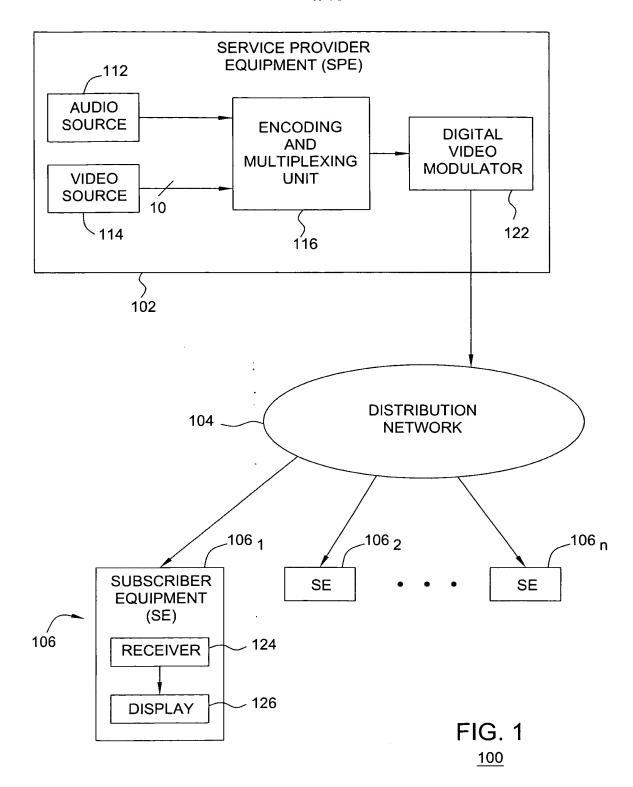


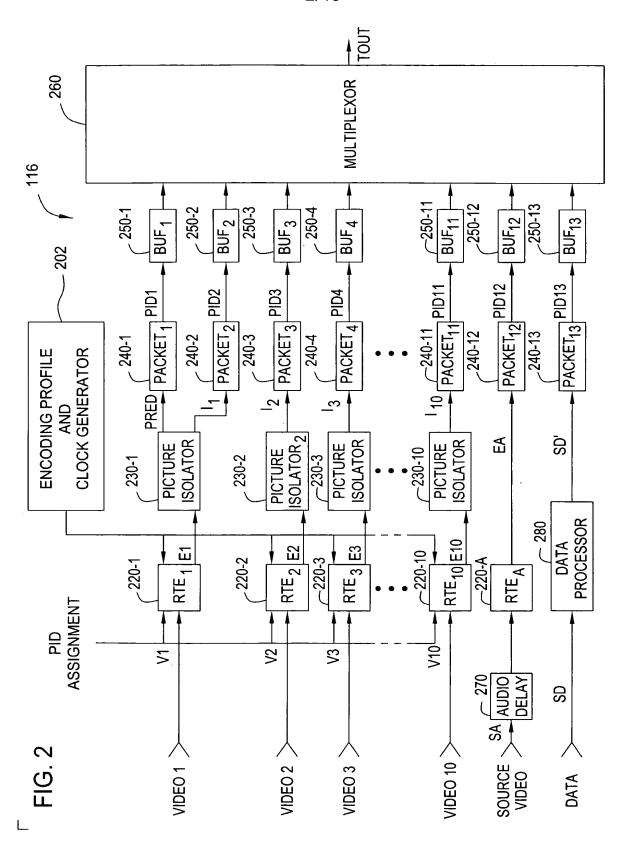
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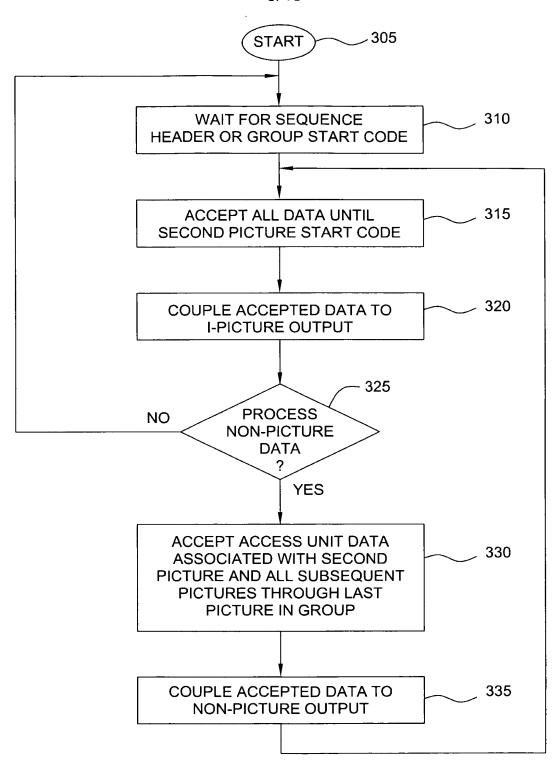


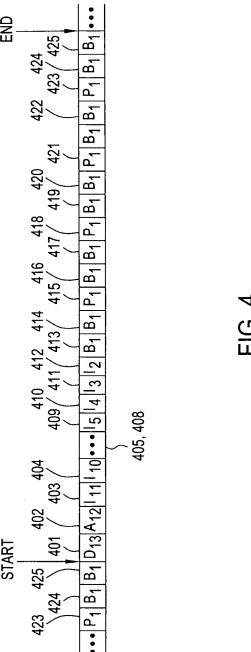
FIG. 3



oxdot

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400



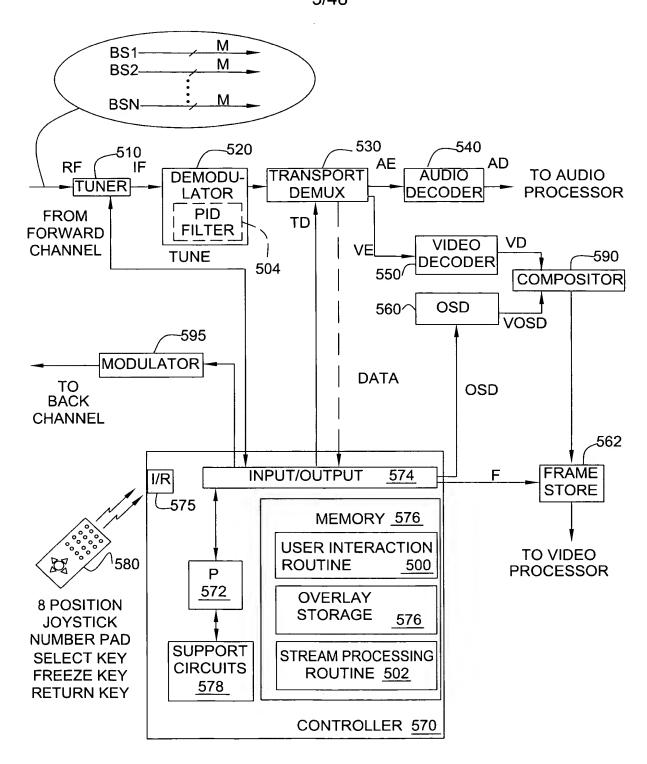


FIG. 5



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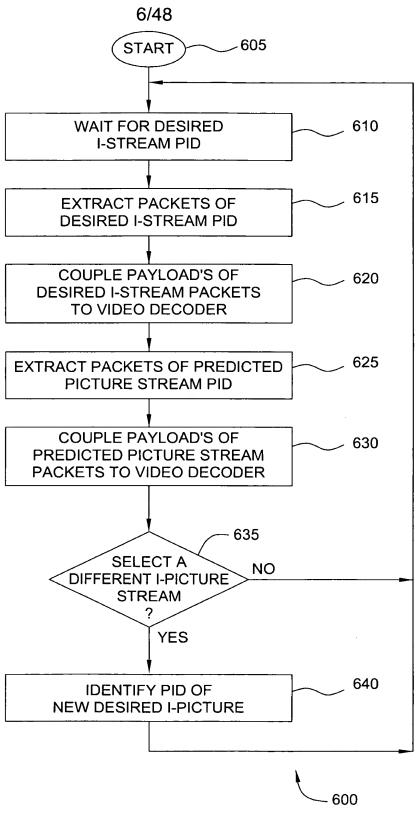


FIG. 6

 $\Box$ 



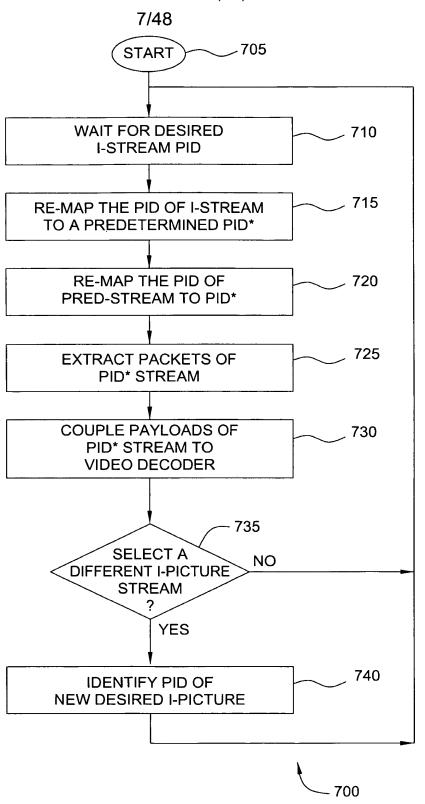
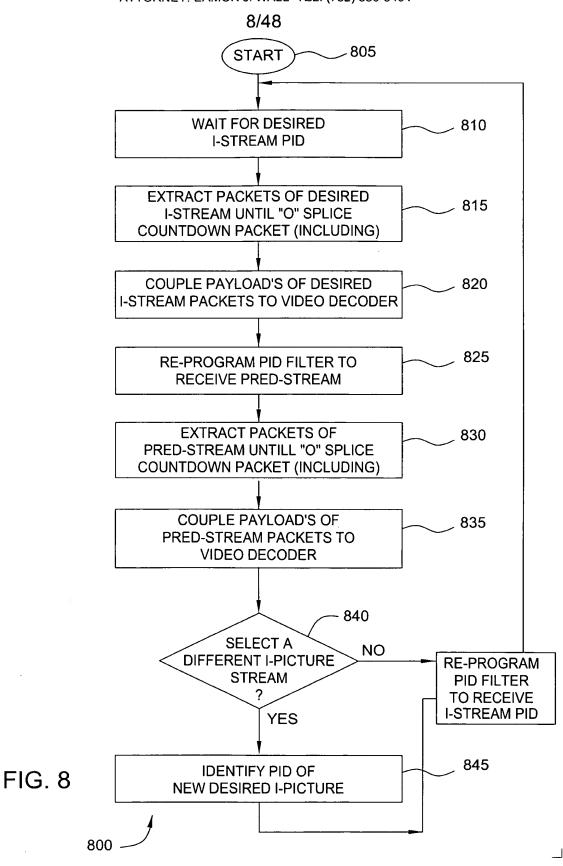


FIG. 7

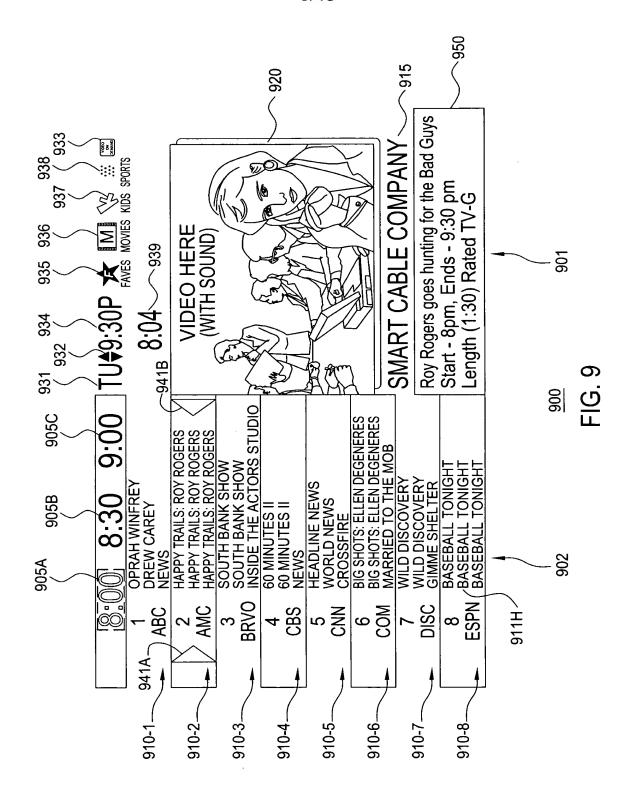






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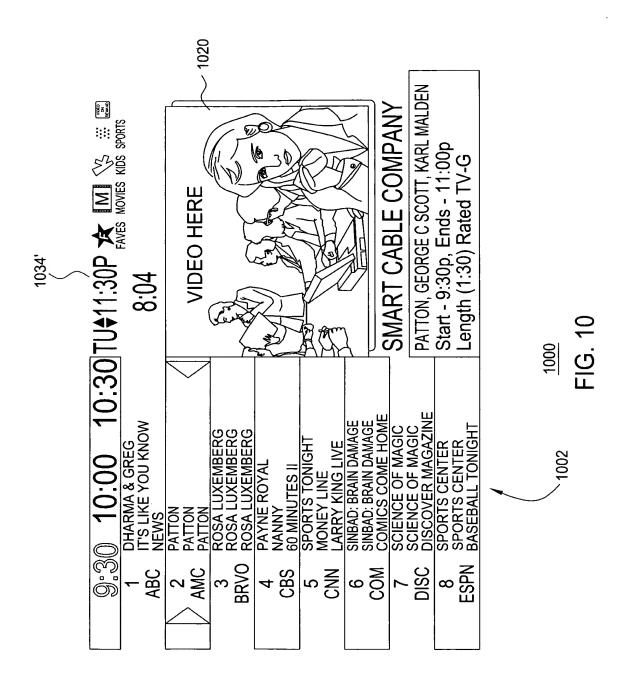
L



	SLICE 1 (g/S1)	SLICE 1 (V/S1)
	SLICE 2 (g/S2)	SLICE 2 (V/S2)
900	•	•
	SLICE N (g/SN)	SLICE N (V/SN)
	1	<u> </u>
	902 —	901

FIG. 9A







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	PID1	PID2	PID3		PID10 h
V	<sub>(</sub> 1102	<sub>(</sub> 1132	<sub>(</sub> 1134		<sub>(</sub> 1148
11	g1 v1	g2 v1	g3 v1	• • •	g10 v1 row-1
	(1104				
12	g1 v2	g2 v2	g3 v2	• • •	g10 v2 ~ row-2
	<b>1</b> 106				
13	g1 v3	g2 v3	g3 v3	•••	g10 v3 ~ row-3
	:	•	•		•
	1130				
115	g1 v15	g2 v15	g3 v15	• • •	g10 v15 row-15
	COLUM	1-2 COLUM	l-2 COLUI	M-3	COLUM-10

FIG. 11

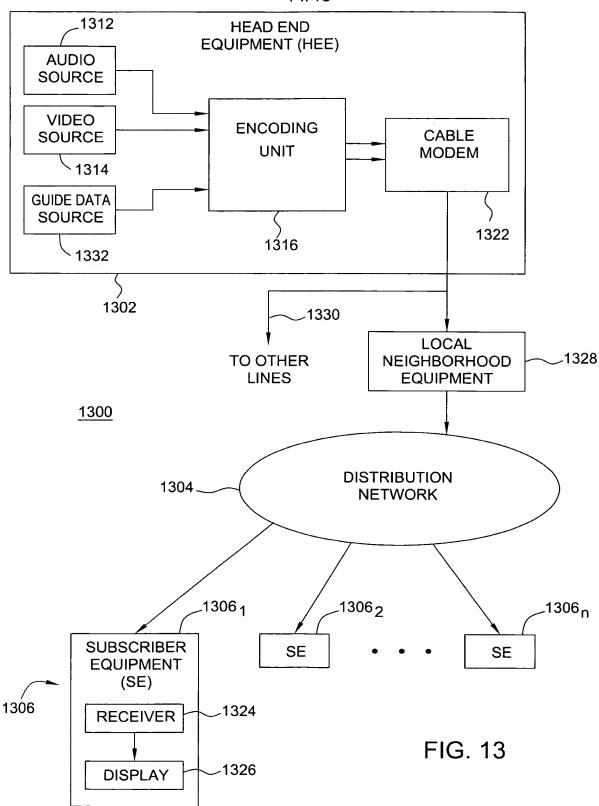
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		PID1	PID2	PID3		PID10 ~ h
V 11		11 (1204 g1 v1	12 (1206) 12 (1206) 12 (1206)	6 13 (12 (12 (13 (14 (14 (14 (14 (14 (14 (14 (14 (14 (14	08	110 (1222 110 v1
12	B1	g1 v2	g2 v2	g3 v2	• • •	g10 v2
13	B1 P1	g1 v3	g2 v3	g3 v3	•••	g10 v3
:	:		•	•		•
115	B1	g1 v15   1202	g2 v15	g3 v15	•••	g10 v15

FIG. 12







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<u>1316</u>

GUIDE

**DATA** 

1400 **VIEDEO PROCESSOR** 1406 1408 **COMPOSITOR** TO **VIDEO ENCODER UNIT** UNIT **CABLE** 1410 **MODEM VIDEO** 1722 1412 **AUDIO** AUDIO-116 1404 CONTROLLER 1402 **GRAPHICS PROCESSOR** 

FIG. 14

**GUIDE** 

**ENCODER** 

- 1416

GUIDE

**DATA** 

**GRIP** 

**GENERATOR** 

- 1414

**SLICE-FORM** 

**GRID PAGE** 

**DATA BASE** 

-1418



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1328

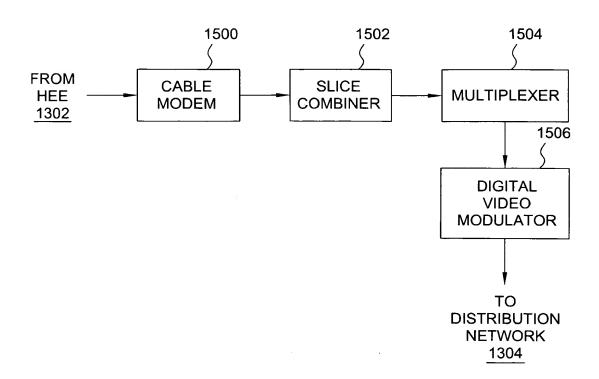


FIG. 15

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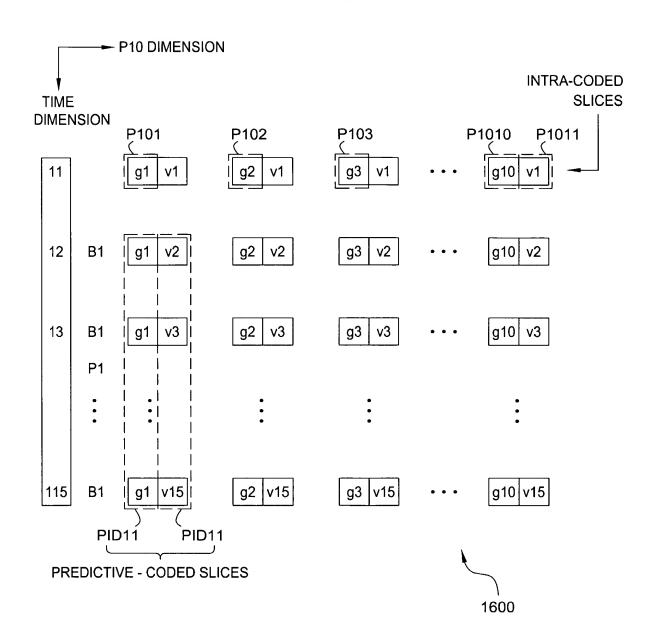
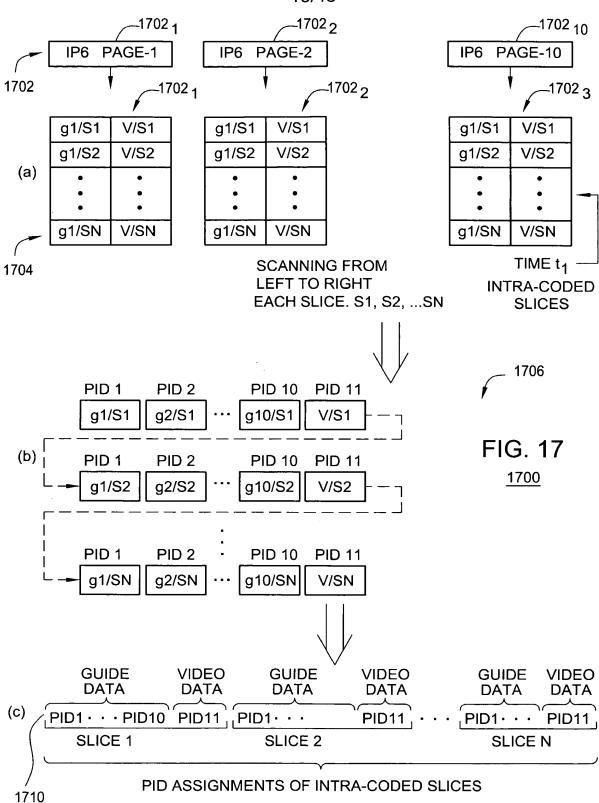


FIG. 16



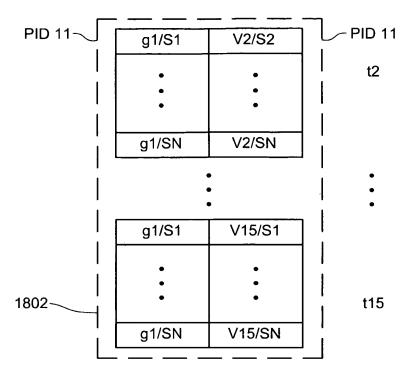




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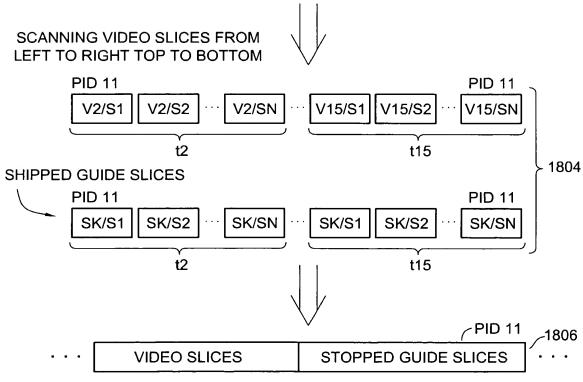


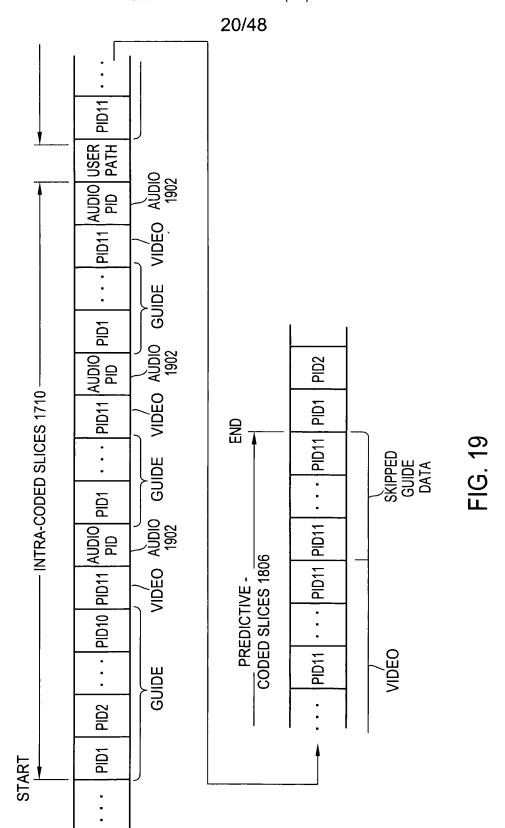
FIG. 18

1800

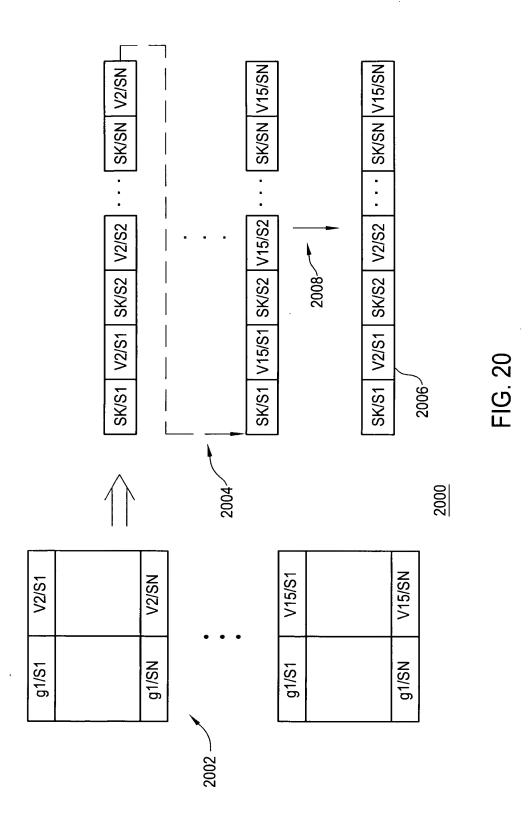


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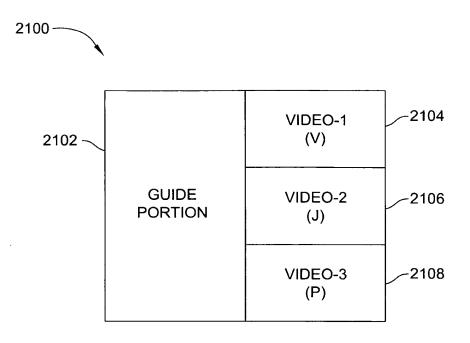


FIG. 21A

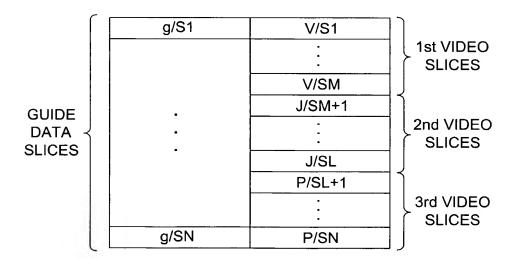


FIG. 21B

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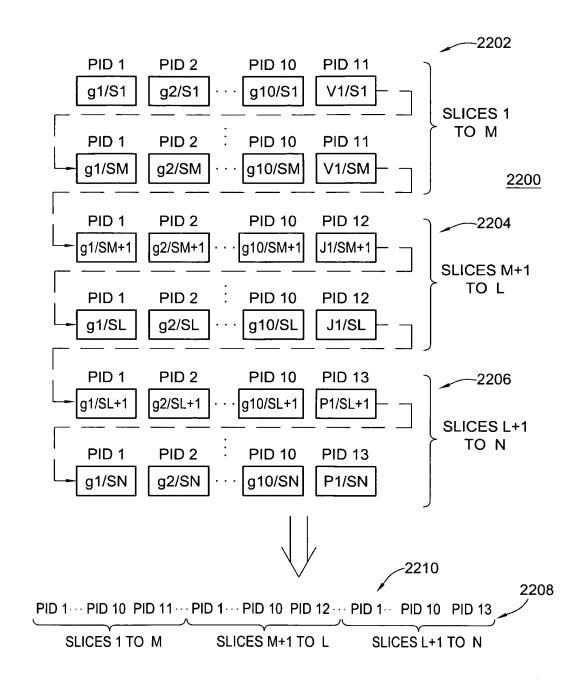


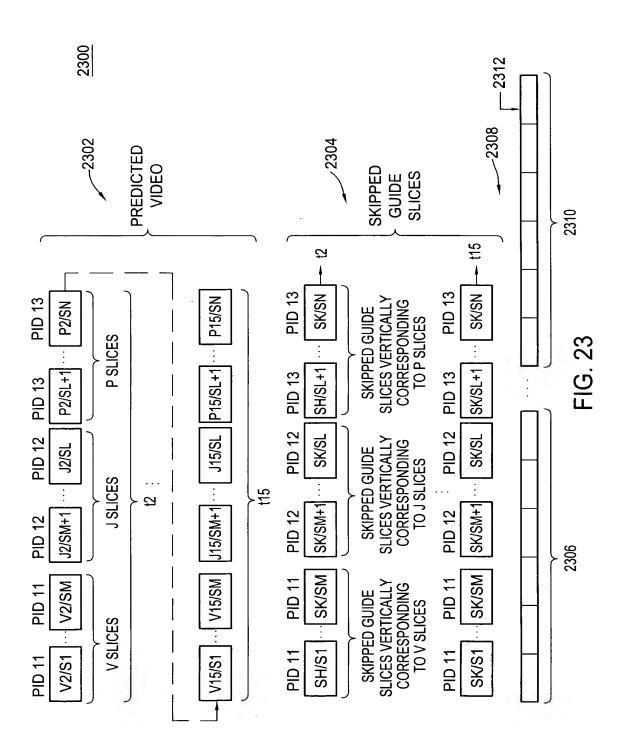
FIG. 22



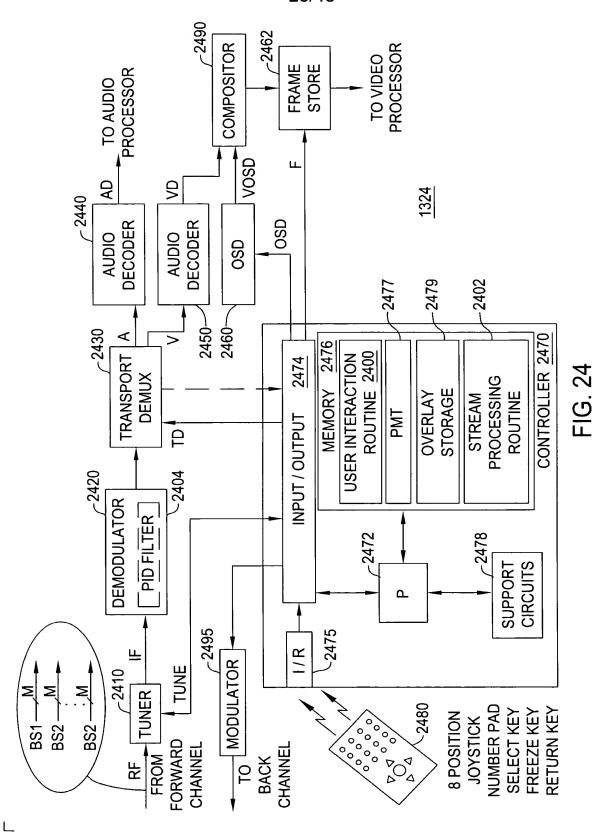
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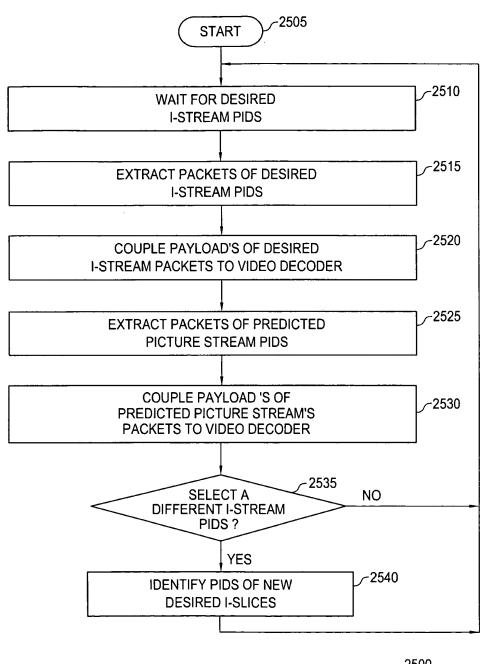


FIG. 25

<u>2500</u>

 $\Box$ 



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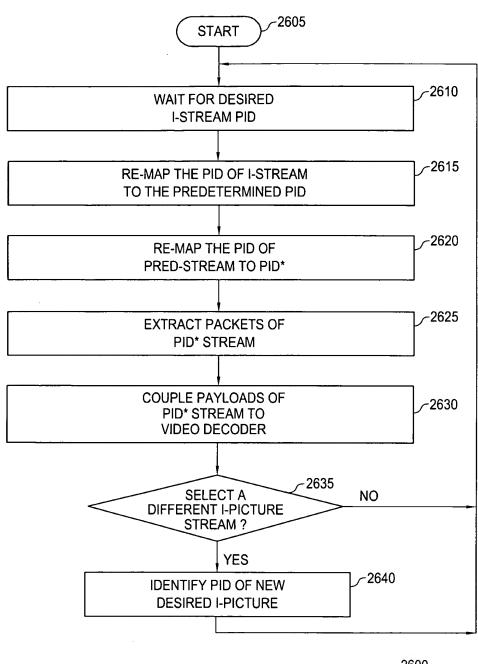


FIG. 26

<u>2600</u>



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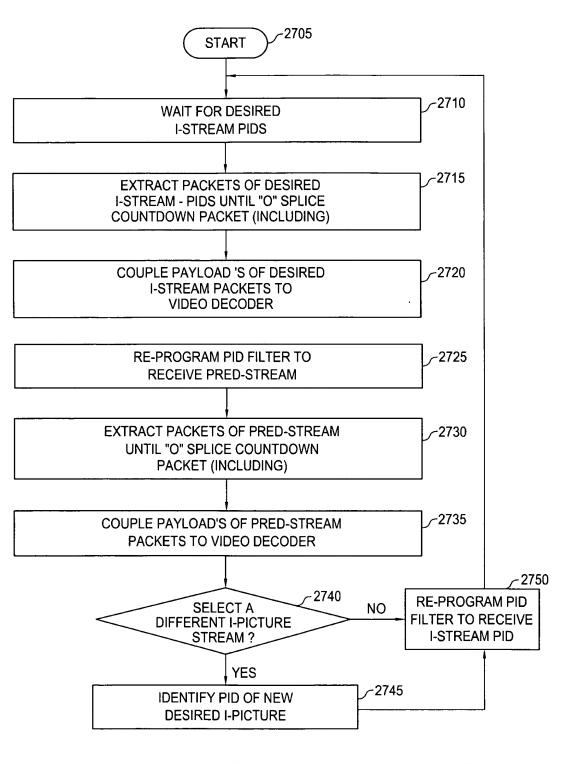


FIG. 27

2700

 $\Box$ 



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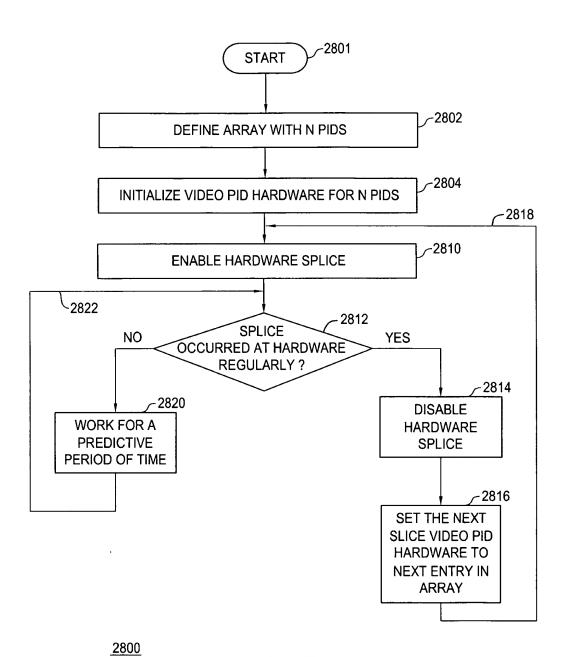
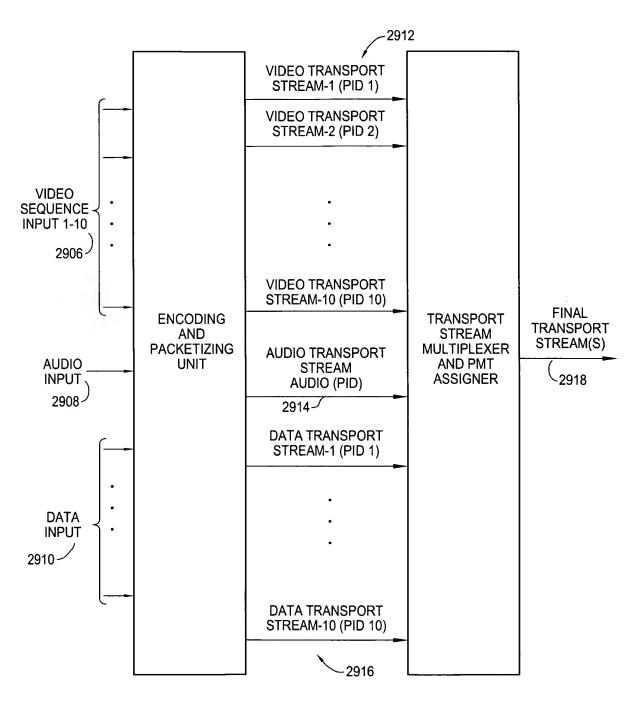


FIG. 28

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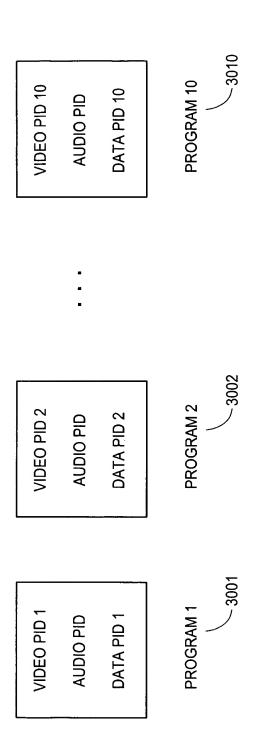
APPARATUS 2900

FIG. 29

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SINGLE TRANSPORT, MULTIPLE PROGRAM PROGRAM ASSIGNMENT 3000

FIG 30

 $\neg$ 

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73102 PROGRAM

VIDEO PID 1 VIDEO PID 2

•

VIDEO PID 10

**AUDIO PID** 

DATA PID 1 DATA PID 2

.

DATA PID 10

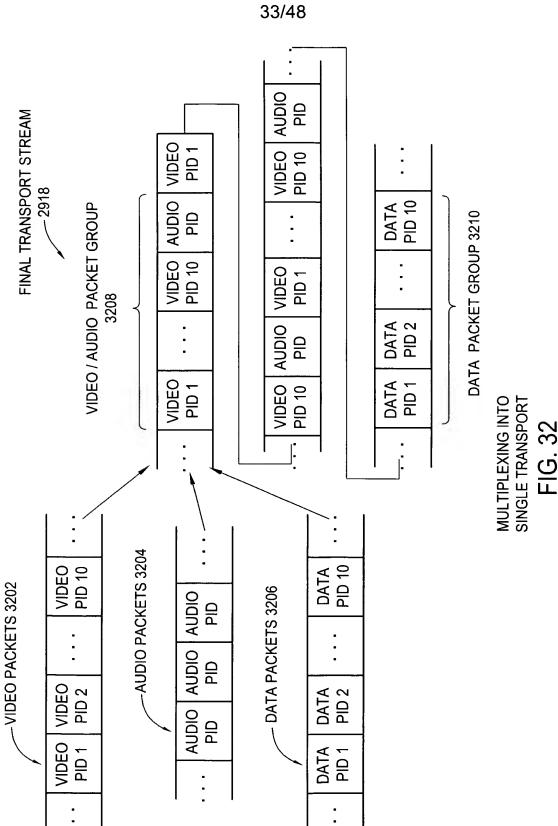
SINGLE TRANSPORT, SINGLE PROGRAM PROGRAM ASSIGNMENT 3100

FIG. 31



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DATA PID 7 DATA PID 8 DATA PID 10

က

DATA PID

DATA PID 9

TRANSPORT STREAM 1

3302

TRANSPORT STREAM 2 3304

TRANSPORT STREAM 3

3306

VIDEO PID 4

VIDEO PID 2

VIDEO PID

VIDEO PID 1

VIDEO PID 5 VIDEO PID 6 S DATA PID 6 **AUDIO PID** DATA PID DATA PID

**AUDIO PID** 

DATA PID

DATA PID

VIDEO PID 10

**AUDIO PID** 

VIDEO PID 8 VIDEO PID 9

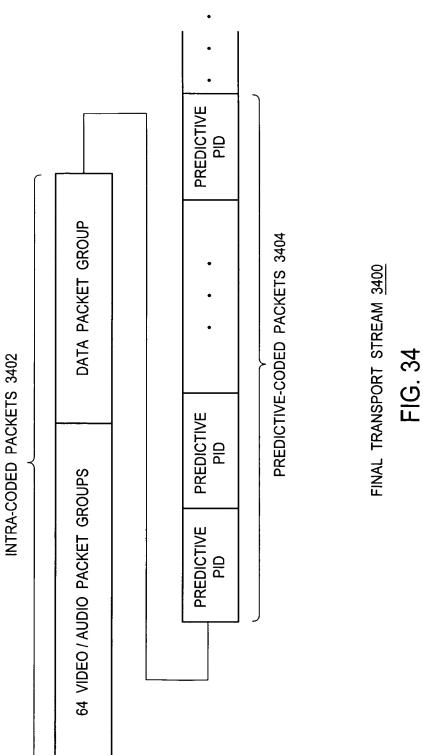
VIDEO PID 7

MULTIPLE TRANSPORT ASSIGNMENT STRUCTURE 3300

FIG. 33



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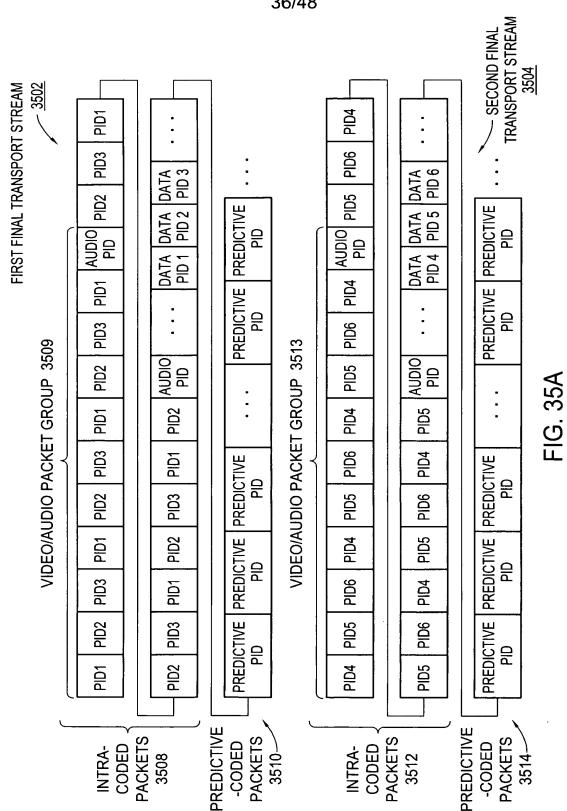




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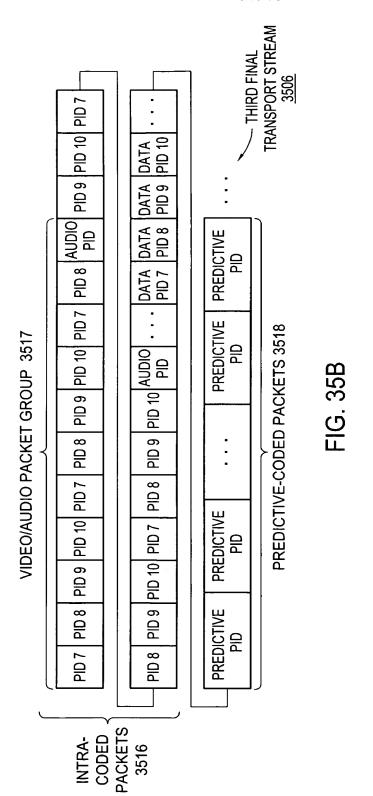
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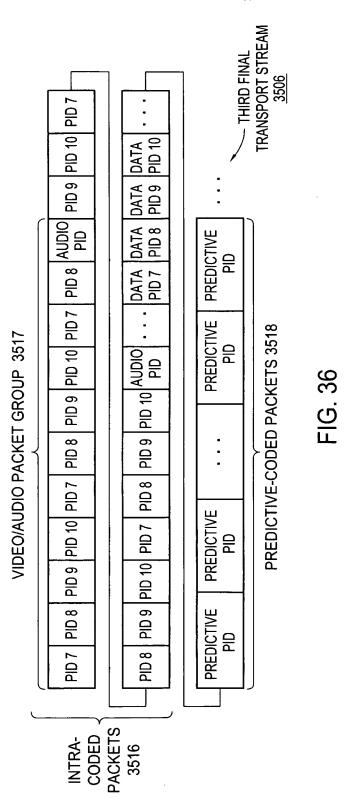
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SECOND TRANSPORT STREAM 3704 S က 吕 FIRST TRANSPORT STREAM 7 4 밀 딢 က 吕 밀 က S 吕 음 ~ 4 吕 吕 PID 3 PID 1

FIG. 37

 $\neg$ 



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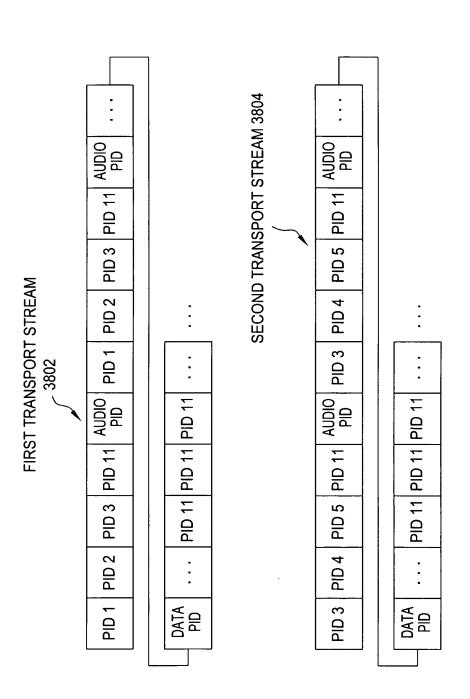
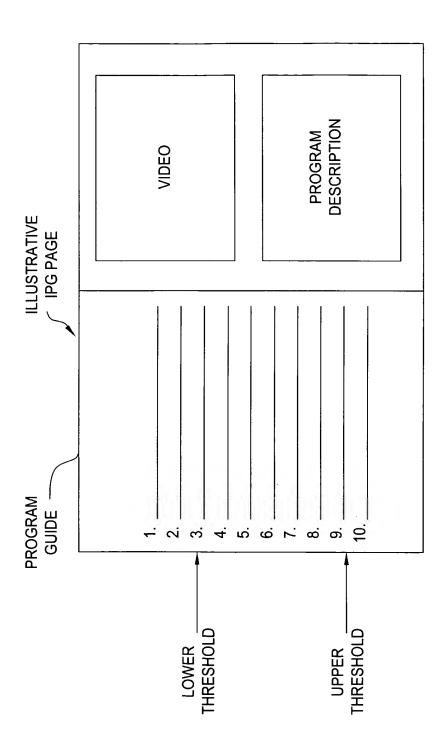


FIG 38

 $\neg$ 



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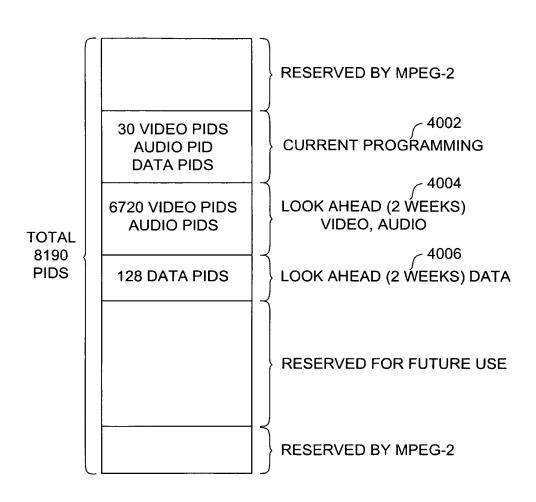
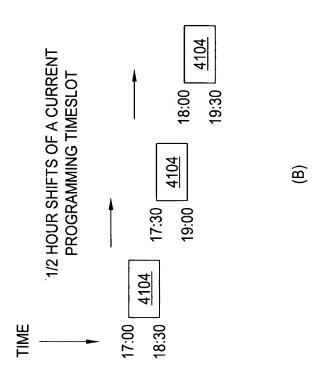
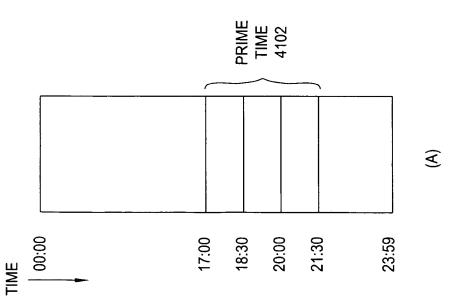


FIG. 40



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IG. 41

 $\neg$ 



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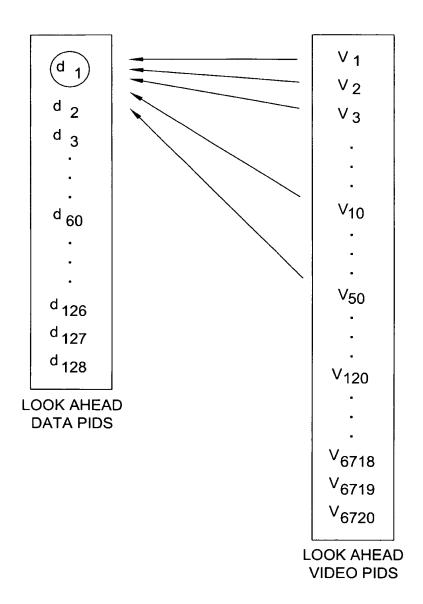
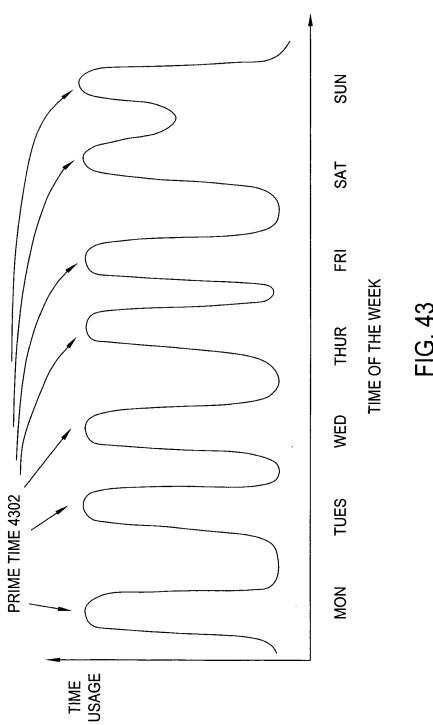


FIG. 42



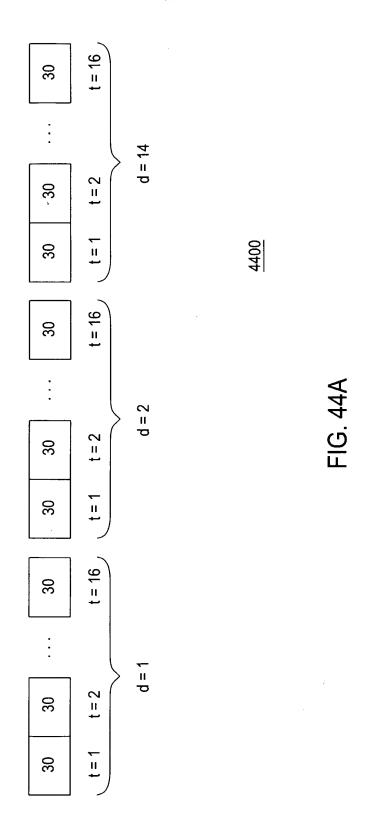
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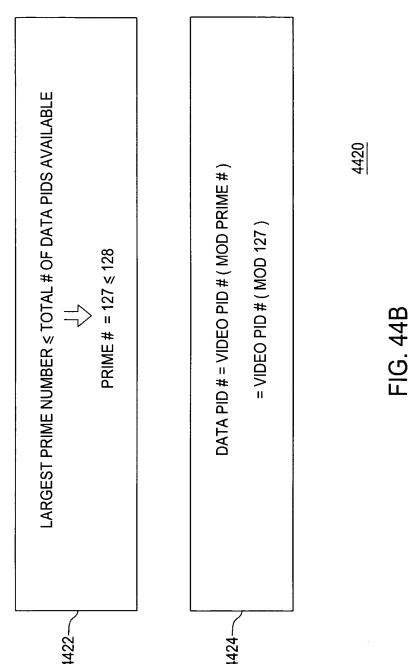


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0 0 0 0	DATA PID 127	
• •		d = NON-PRIMETIME DATA MESSAGE D = PRIMETIME DATA MESSAGE
, ооо о	DATA PID 2	d = NON-PRII
	DATA PID	
	DA	

FIG. 44C